



**PEO  
DIGITAL**

PROGRAM EXECUTIVE OFFICE DIGITAL & ENTERPRISE SERVICES



PROGRAM EXECUTIVE OFFICE MANPOWER, LOGISTICS & BUSINESS SOLUTIONS

# AFCEA NOVA Small Business Enterprise IT Day 2022

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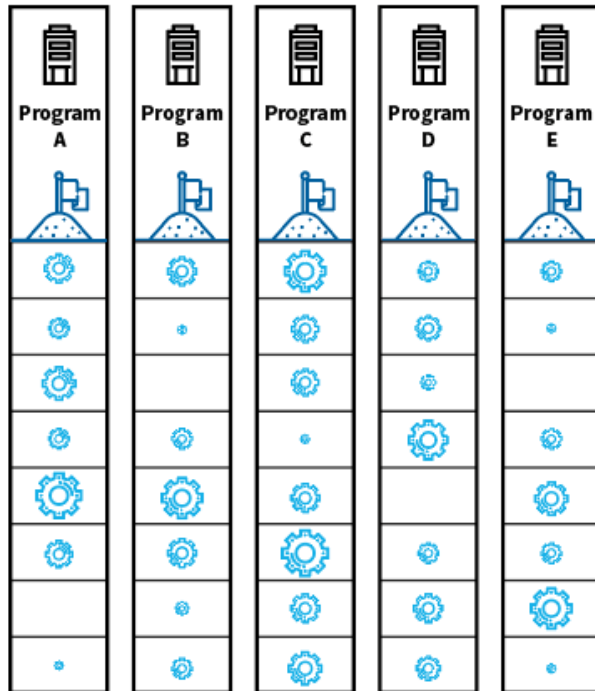
Justin Fanelli, PEO Digital Technical Director  
Dave Spencer, PEO MLB Acting Technical Director  
5 May 2022



# PEO EIS Realignment

## Portfolio of Programs

## PEO EIS



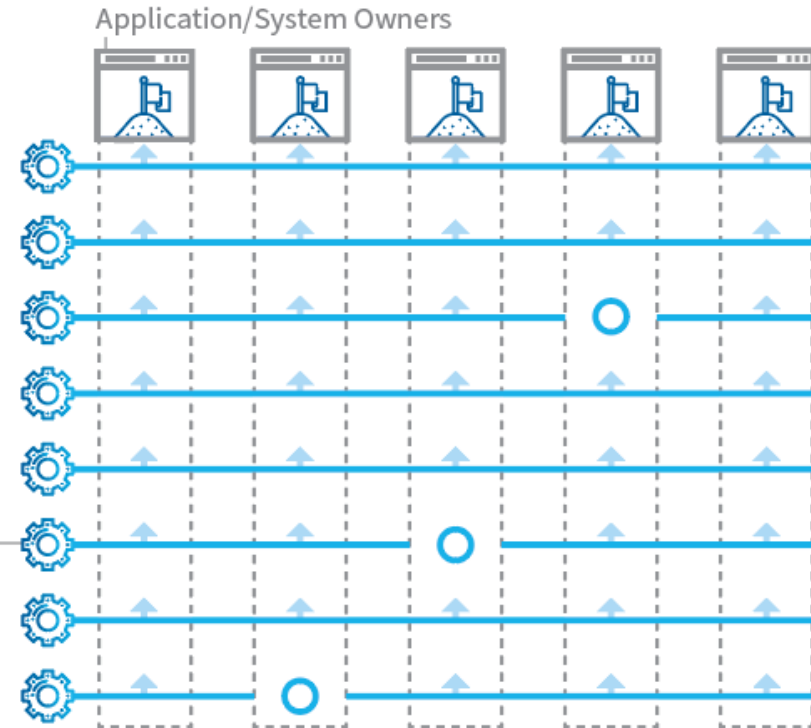
**PEO REORG**  
*Transition to manage a rationalized portfolio of services instead of a portfolio of programs.*

## Portfolio of Services

**PEO Digital**  
**Navy Digital Platform**  
(Digital Enterprise Services)  
Service Owners

## PEO MLB\*

### Applications & Systems



\*Concept also extends to other PEOs



### Non-core Mission Services

Each program develops its own non-core mission services, absorbing resources away from program missions.



### Focusing on the Mission

With integrated digital enterprise services supplied, applications and systems can eliminate time spent on non-core mission services and focus valuable resources and expertise on their missions.



# PEO Digital Organizational Overview

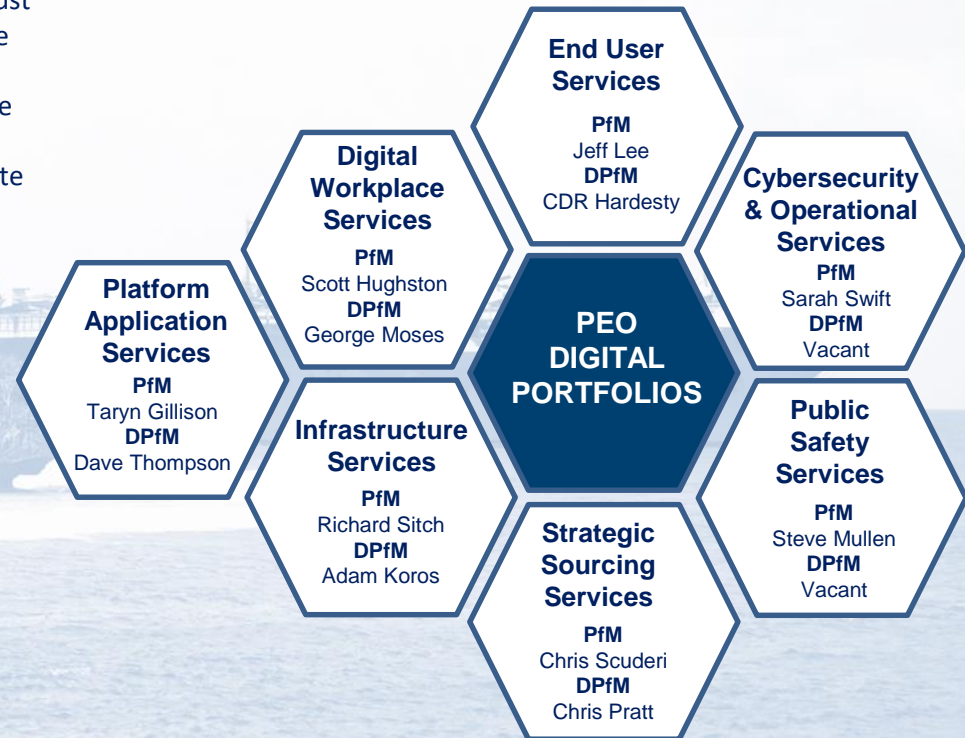


## Command Operations Office

The Command Operations Office (COO) defines cross-portfolio process, governance standards, and controls, and governs ("Trust but Verify") decisions to ensure delivery is aligned with performance and priorities. The COO also manages the connection points to orchestrate work, remove blockers and ensures continuity for delivery.

## PEO Digital Portfolios

Program Executive Office Digital and Enterprise Services (PEO Digital) is the Department of the Navy's information technology provider, connecting Marines and Sailors across the globe. PEO Digital leverages Agile methodologies to deliver services through eight portfolio offices.



## Command Strategy and Business Office

The Command Strategy and Business Office (CSBO) assesses customer demands for services against evaluation criteria such as business need, customer requests, and strategic direction. The CSBO then manages the intake of new projects, enhancements to existing work and facilitates the transition of work into the portfolio of portfolios.

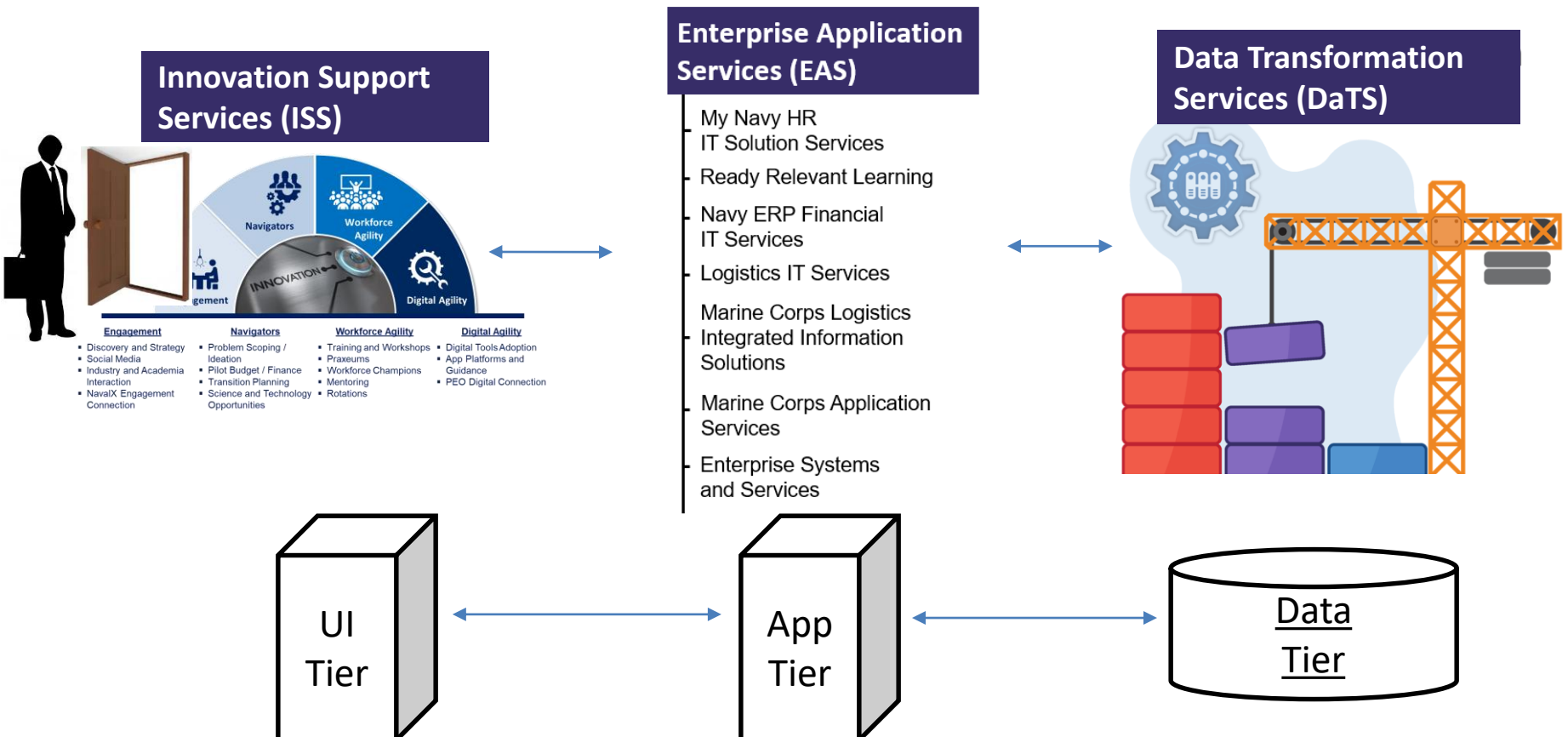


# PEO MLB Overview

“Organizations, who design systems, are constrained to produce designs which are copies of the communication structures of these organizations.”

- Melvin Conway, 1967

***Melvin works **FOR** us now!***





# PEO MLB Innovation Support Services



## Engagement

- Discovery and Strategy
- Social Media
- Industry and Academia Interaction
- NavalX Engagement Connection

## Navigators

- Problem Scoping / Ideation
- Pilot Budget / Finance
- Transition Planning
- Science and Technology Opportunities

## Workforce Agility

- Training and Workshops
- Praxeums
- Workforce Champions
- Mentoring
- Rotations

## Digital Agility

- Digital Tools Adoption
- App Platforms and Guidance
- PEO Digital Connection





# PEO Digital OV1



## APPLICATIONS & SYSTEMS

Consume digital enterprise services with loose coupling, service reuse, simplified integration, and reduced duplication.

## CAPABILITIES

Are provided by portfolios through products

## DIGITAL ENTERPRISE SERVICES

Align capabilities to portfolios

## PORTFOLIOS

## END USER CAPABILITY

Provided through TFAs and applications and systems that leverage PEO Digital's portfolio of digital enterprise services.

## TECHNICAL FOCUS AREAS (TFAs)

Are cross-cutting capabilities derived from multiple services

## PEO DIGITAL WORKFORCE

Makes the magic happen!



- Data Loss Prevention
- Digital Rights Management
- Security Information & Event Management
- Security Orchestration Automation & Response
- Performance & Security Monitoring
- Configuration Discovery, Analysis, & Remediation
- Resource Orchestration

- Data Analytics & Visualization
- Data Aggregation & Distribution
- Data warehousing
- Data Semantics & Ontology
- Stand-alone Artificial & Machine Learning
- Data Mediation

- Robotics Process Automation
- Task Visibility & Collaboration
- Workflow Automation
- Server Mapping
- Live Collaboration
- Self-Service Applications

- Tiered Storage Access
- Bidirectional Code & Infrastructure Replication
- File Sharing & Synchronization
- Edge Caching Servers
- Physical Storage Components

- Software Defined Networking
- Physical and Virtual Routers and Switches
- Satellite Communications
- Wi-Fi and 5G
- Application Micro-segmentation

- Enterprise Provisioning Portal
- Enterprise Development Factory
- Modern Deployment Tools
- Development Pipelines
- Test & Performance Automation
- Code & Artifact Repository

**Modern Service Delivery (MSD)** is the design approach applied to all services. It ensures strategic alignment, interoperability, and integration across the DON and the DoD.

COMMAND OPERATIONS OFFICE  
COMMAND STRATEGY & BUSINESS OFFICE

PUBLIC SAFETY SYSTEMS  
SPECIAL IT SERVICES  
STRATEGIC SOURCING SERVICES

CYBER SECURITY & OPERATIONAL SERVICES  
END USER SERVICES  
PLATFORM APPLICATION SERVICES

DIGITAL WORKPLACE SERVICES  
INFRA-STRUCTURE SERVICES

Management & Security  
Data & Analytics  
Workplace Automation  
Compute & Store  
Transport & Comms  
Development & Deployment  
Identity  
End User Computing

Cloud

Agile & DevSec Ops

M365 (Flank Speed)

Zero Trust

Mobility



# Where is MLB's Technical Vision?



## CHANGE THE CULTURE

**Relentless Collaboration:** Seek every opportunity to work across PEO MLB, the DON, and the DoD.

**Continuous Learning:** Encourage a culture of the ongoing, voluntary, and self-motivated pursuit of knowledge – both curated and self-paced.

**Diverse Technical Workforce:** Include and involve people of different genders from a wide array of social and ethnic backgrounds.

**High Performing Teams:** Highly focused, synergistic groups of people, working towards achieving a common goal – the sum is greater than its parts.

**Empowered People:** Provide individuals the resources, authority, opportunity, and motivation to make decisions that positively affect PEO MLB.

**Agility:** Create a culture that allows the workforce the ability to be flexible and adaptable, enabling them to move quickly



## IMPEDIMENTS TO INNOVATION

**Incentivize Creativity:** Encourage and embrace responsible risks – even when they lead to failures; reward employees who seek to solve problems and contribute towards successful innovation.

**Pilots & Prototypes:** Lower the risk and barrier of entry of exploring new capabilities and ideas through promoting minimum viable products and iterative customer feedback focused deliveries.

**Harness Imagination:** Create free time for employees to ideate, create, and innovate – capture and capitalize.

**Modern Work Practices:** Promote flexible work hours and location, collaborative environments, team building, work-life balance.

**S&T Opportunities:** Invest in science and technology to drive business and enable social progress within the workplace.

**Innovation Spaces:** Create and make available non-traditional innovation spaces to leverage the proven effects of colocation and its positive impact on innovation.



## DATA DRIVEN

**Data Centric Architectures:** Deliver technical solutions and data models that ensure portfolios focus on making data a primary asset that can be leveraged to enable richer data-informed applications and services across Navy

**Common Data Environments / Services:** Make enterprise data available wherever it resides through a common, curated suite of API driven service(s) enabling secure storage, management, and access

**Data Quality:** Promote standards and processes that ensure data accuracy, completeness, consistency, validity, uniqueness and timeliness throughout the lifecycle to provide confidence in derived insights across the enterprise.

**Information Intelligence:** Champion analytics capabilities including Modeling, Simulation, Machine Learning, Artificial Intelligence, etc. for MLB employees and customers to better manage risk and extract value from wider sets of data driving intelligent decision-making.



## DIGITAL TRANSFORMATION

**Digital Engineering:** MBSE, model driven engineering, systems engineering, etc...

**Modern Tools:** Promote a suite of flexible communication, collaboration, and monitoring tools to transform the way PEO MLB conducts business.

**Automate Everything:** Automate the mundane and repetitive to improve throughput, reduce error, and allow our workforce the time for critical thought, learning, and innovation.

**Modern Software Design:** Promote and hold portfolios accountable for reliable, scalable, & maintainable design principles in all software PEO MLB delivers.

**Enterprise First:** Design enterprise software offerings to leverage economies of scale, compatibility, and scalability.

**DevOps:** Promote practices, tools, and a methodologies that intrinsically link software developers, security, and operations.

**Google  
It!**



# PEO MLB Values



## CUSTOMER COMMITMENT

We make a positive difference in the lives of our Sailors and Marines every day

## GET STUFF DONE

We work with a sense of urgency and always deliver on our commitments

## DO THE RIGHT THING

We operate with integrity, honesty, and ruthless transparency

## RESPECT PEOPLE

We trust and empower our people, encourage their development, and reward their performance

## EVOLVE AND ADAPT

We explore new methods and procedures, learn from our mistakes, and search for better solutions

## COLLABORATE OPENLY

We build relationships, break down silos, and connect across teams, functions, and geographies





# PEO Digital Tech Vision

PEO Digital moves with tenacity, speed, and agility to generate and deliver premier enterprise technologies in response to the urgent technology needs of Sailors and Marines. The burning desire to win customers with enterprise services that improve performance, security, and mobility drives bold experimentation in the relentless pursuit of Modern Service Delivery (MSD). PEO Digital prioritizes the user experience and eases IT service consumption—freeing Sailors and Marines to train and fight, instead of fighting to get the IT services they need.

## The PEO Digital Top 10 Behaviors

To enable Modern Service Delivery, the PEO Digital workforce will:

1. Disrupt ourselves with experiments
2. Use before rent; Rent before buy;  
Buy before build
3. Beta earlier; A 10% solution is better than no solution
4. Partner bolder and as often as possible; leverage the success of others
5. Move with urgency and exercise a bias toward speed
6. Seek simplicity for scalability
7. Seamlessly deliver customer-centric technologies
8. Never duplicate;  
Always automate
9. Reward innovation; make government IT cool to do and boring to maintain
10. Weaponize data to make better, faster decisions



# PEO Digital Modern Service Delivery



AT HOME

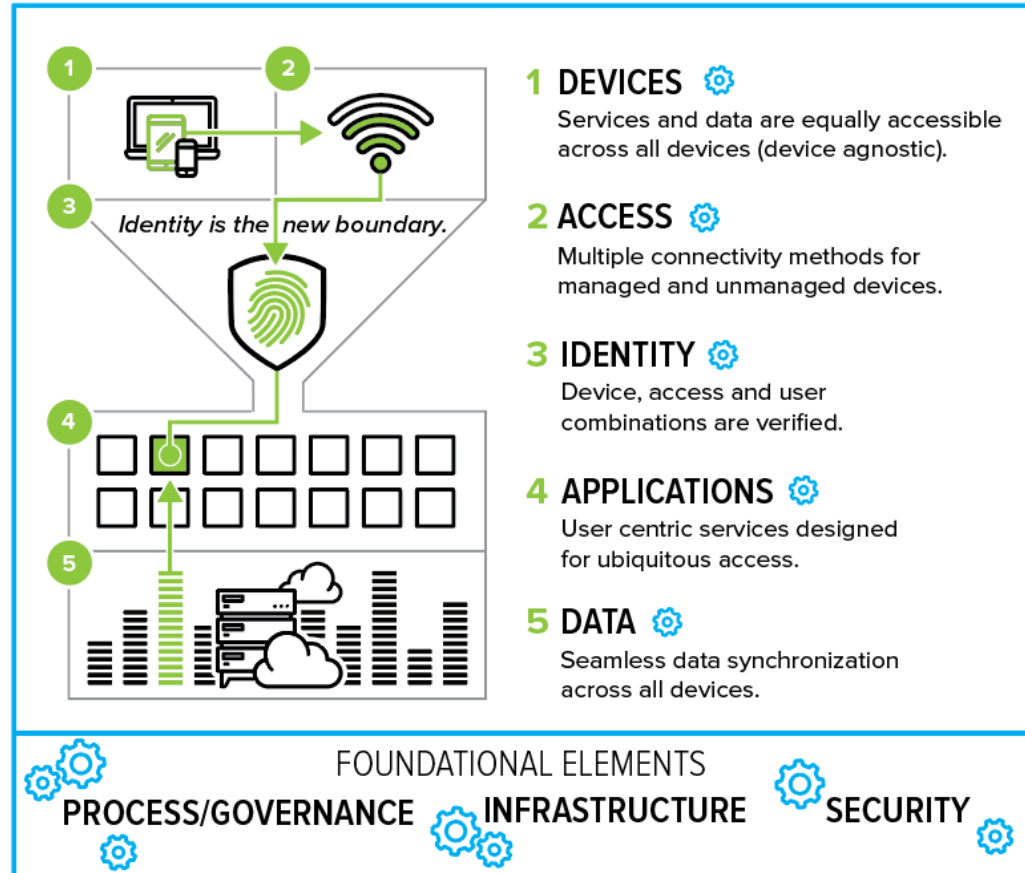


AT WORK

Access to the services and data is seamless to the user at home, at work and on the go.



ON THE GO





# PEO Digital Strategy to Execution (S2E)

## Artifacts Developed by the TD Team

### PEO DIGITAL STRATEGY TO EXECUTION Process & Documentation

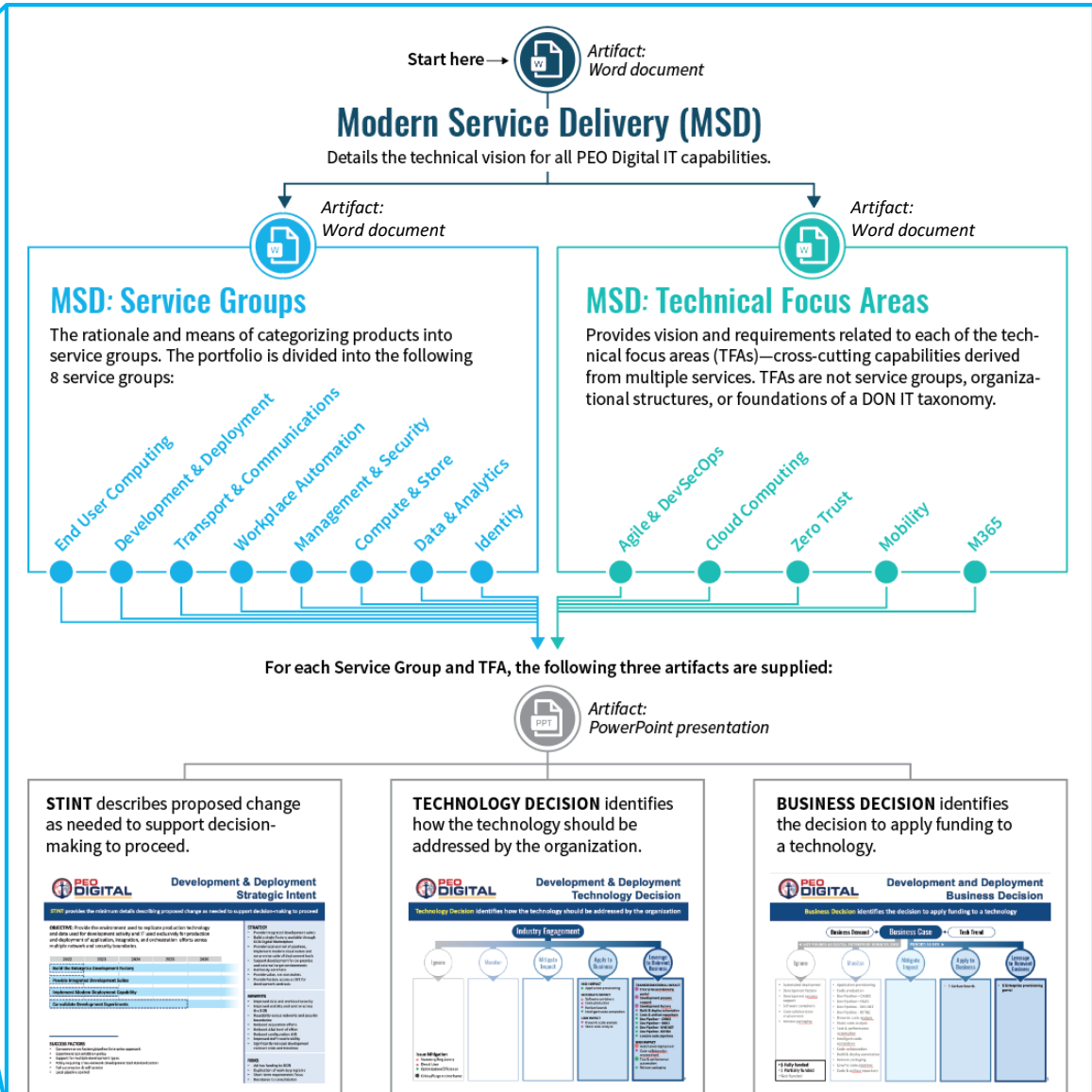
TECH DIRECTOR

- Modern Service Delivery
- MSD Service Groups
- MSD Tech Focus Areas
- Strategic Intent
- Technical Decision
- Business Decision

PORTFOLIO MANAGERS

#### Portfolio Investment Horizons

- Program Portfolio Roadmap
- Target Architecture
- Service Roadmap
- Execution Plan(s)



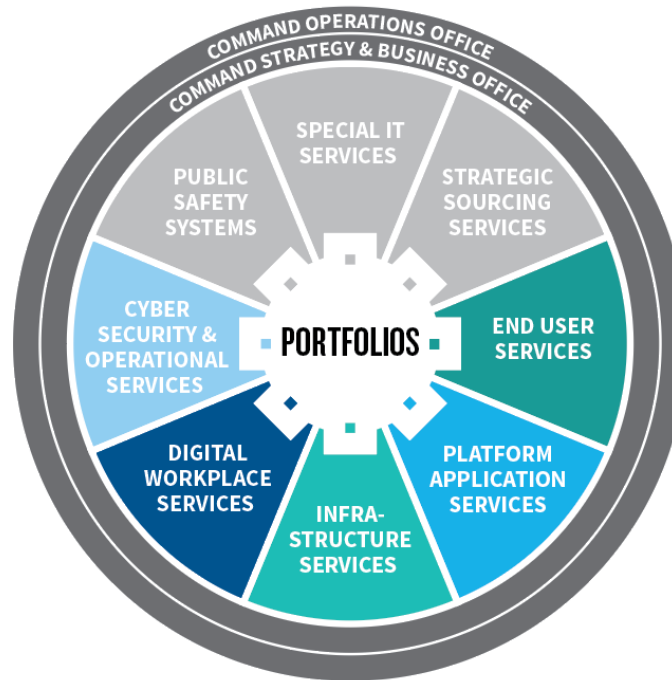
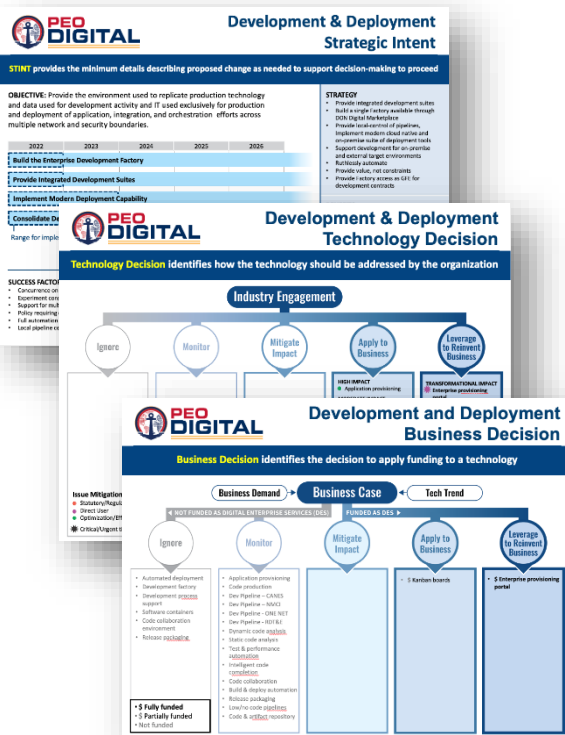


# PEO Digital Strategy to Execution

Strategy informs the “should do”

Pillars/Portfolios decide the “will do”

Portfolio investment horizons updated



Development & Deployment Portfolio Investment Horizons				
Investment Horizon identifies the investment horizon of a capability by portfolios				
	Horizon 3: Evaluating	Horizon 2: Emerging	Horizon 1: Investing & Extracting	Horizon 0: Retiring
Focus	Wide ranging and exploratory (Other people's money and work)	Next generation horizon 1 products (PEO Digital money and work)	Sell and enhance current offering (PEO Digital money and work)	Decommission (DOH, regardless of organization)
ROI	3+ years	1-2 years	Invest - Current year - Invest	Current year
	<ul style="list-style-type: none"><li>• Dev Pipeline - CANES</li><li>• Test and Performance Automation</li><li>• Dev Pipeline - ONE.BE</li><li>• Intelligent Code Completion</li></ul>	<ul style="list-style-type: none"><li>• Application Provisioning</li><li>• Code production</li><li>• Dev Pipeline - MMS</li><li>• Dev Pipeline - ONE.NET</li><li>• Build &amp; Deploy automation</li><li>• Release Packaging</li><li>• Low/No Code Platform</li><li>• Code &amp; Artifact Repository</li><li>• Automated Deployment</li><li>• Development Factory</li><li>• Support</li><li>• Software Containers</li><li>• Code collaboration environment</li><li>• Release Packaging</li></ul>	<ul style="list-style-type: none"><li>• Dynamic Code Analysis</li><li>• Enterprise Provisioning Portal</li></ul>	<ul style="list-style-type: none"><li>• Development Factories?</li><li>• Legacy Chills?</li><li>• Non-Enterprise Dev Environments?</li></ul>

Tasking, prioritization and capacity assigned to work based on inputs from Technical & Business Strategy balanced with portfolio work streams





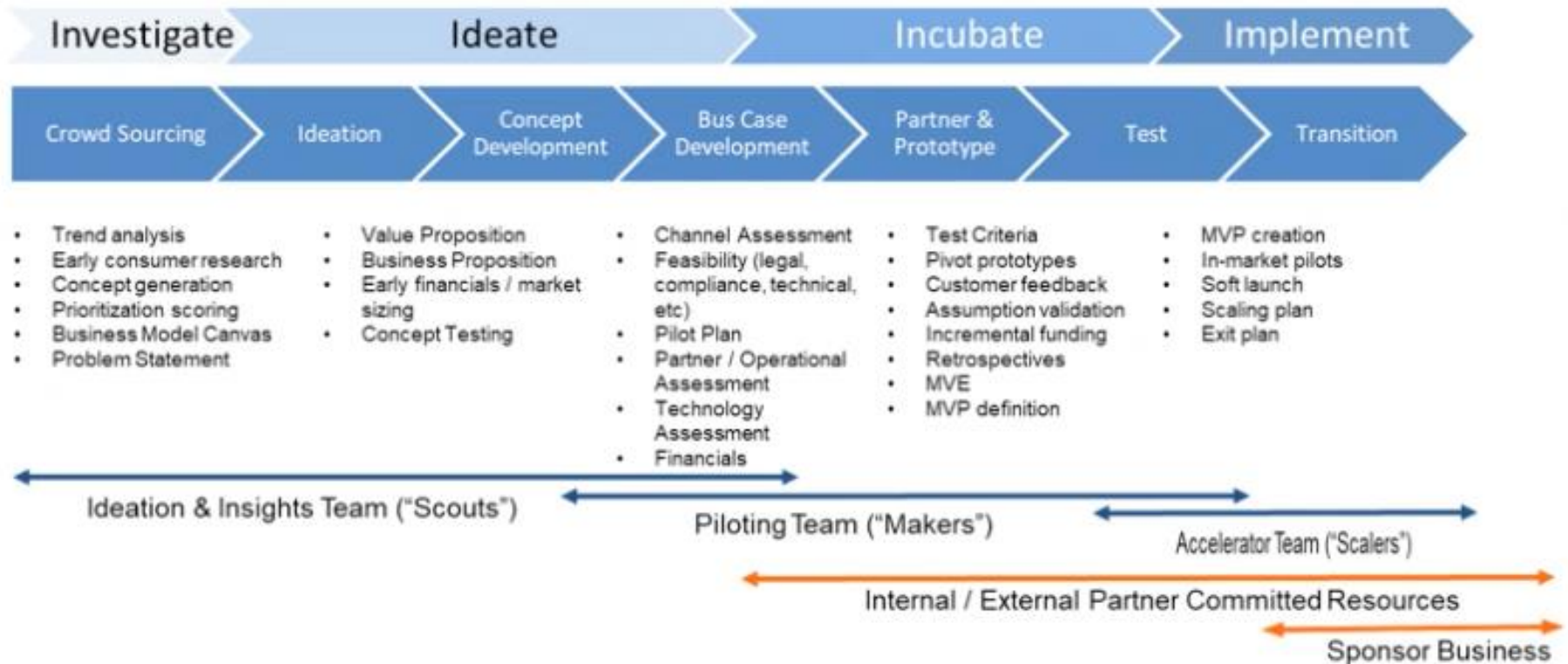
# PEO MLB Technical Radar



***GUIDANCE to Industry:*** PEO MLB welcomes vendor engagements related to these efforts; all other discussions may be referred to other offices such as PEO Digital, C4I, etc. PEO MLB can address in detail activities in Horizons 0 & 1 while the activities in Horizons 2 & 3 will mature over time



# PEO Digital Proactive Tech Scouting





# PEO MLB Tech Scouting by Pattern

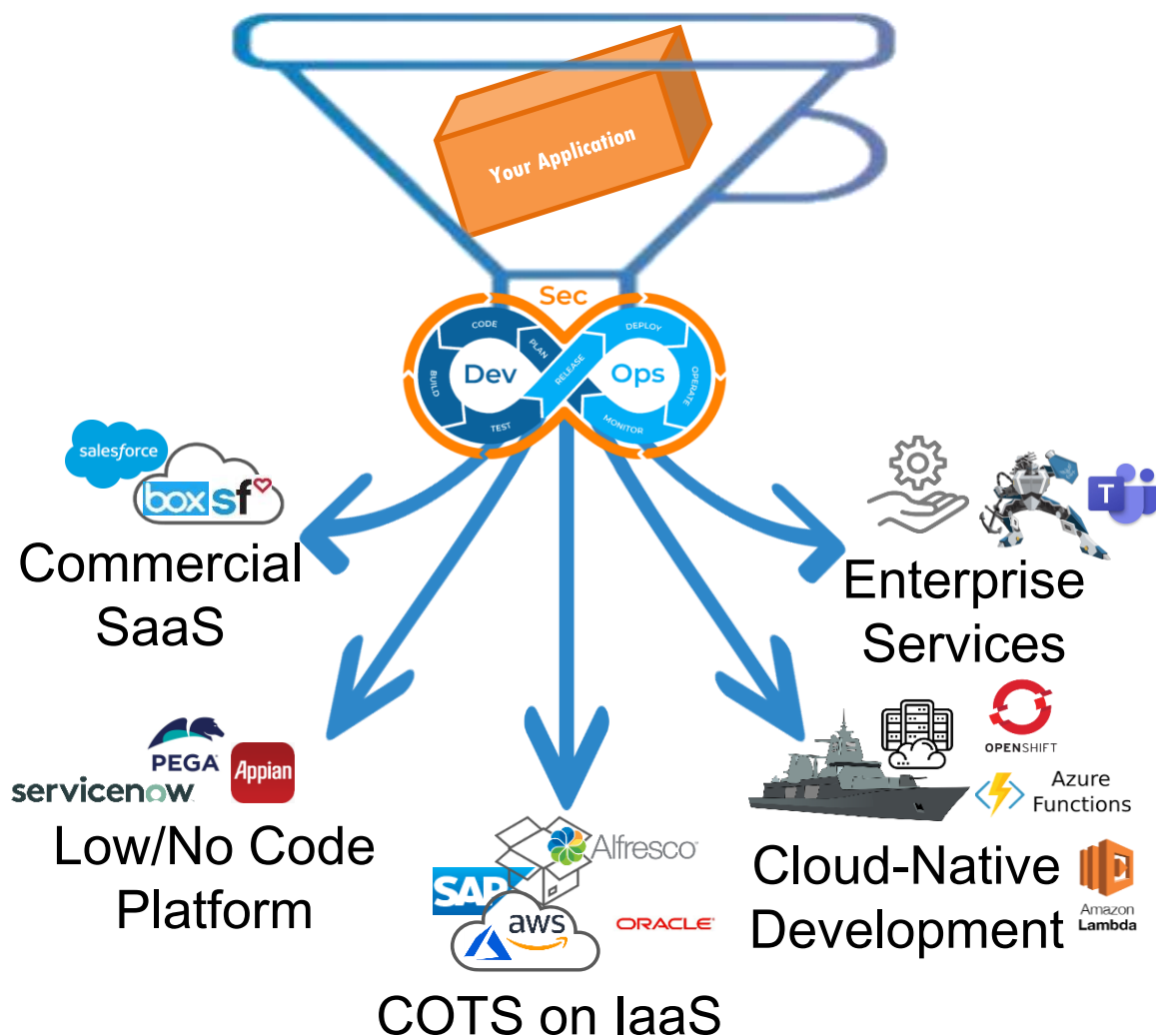
## ***We WILL put you in a box!***

PEO MLB recognizes these major Application Modernization Patterns.  
***... and then we'll play games with you!***

*Play Through These Patterns as a Choose Your Own Adventure Game!*

Vendor products and services either:

1. Fit into one of these patterns
2. Provide “backing services” (API management, data base, security, etc.) supporting the patterns
3. Are not a good fit



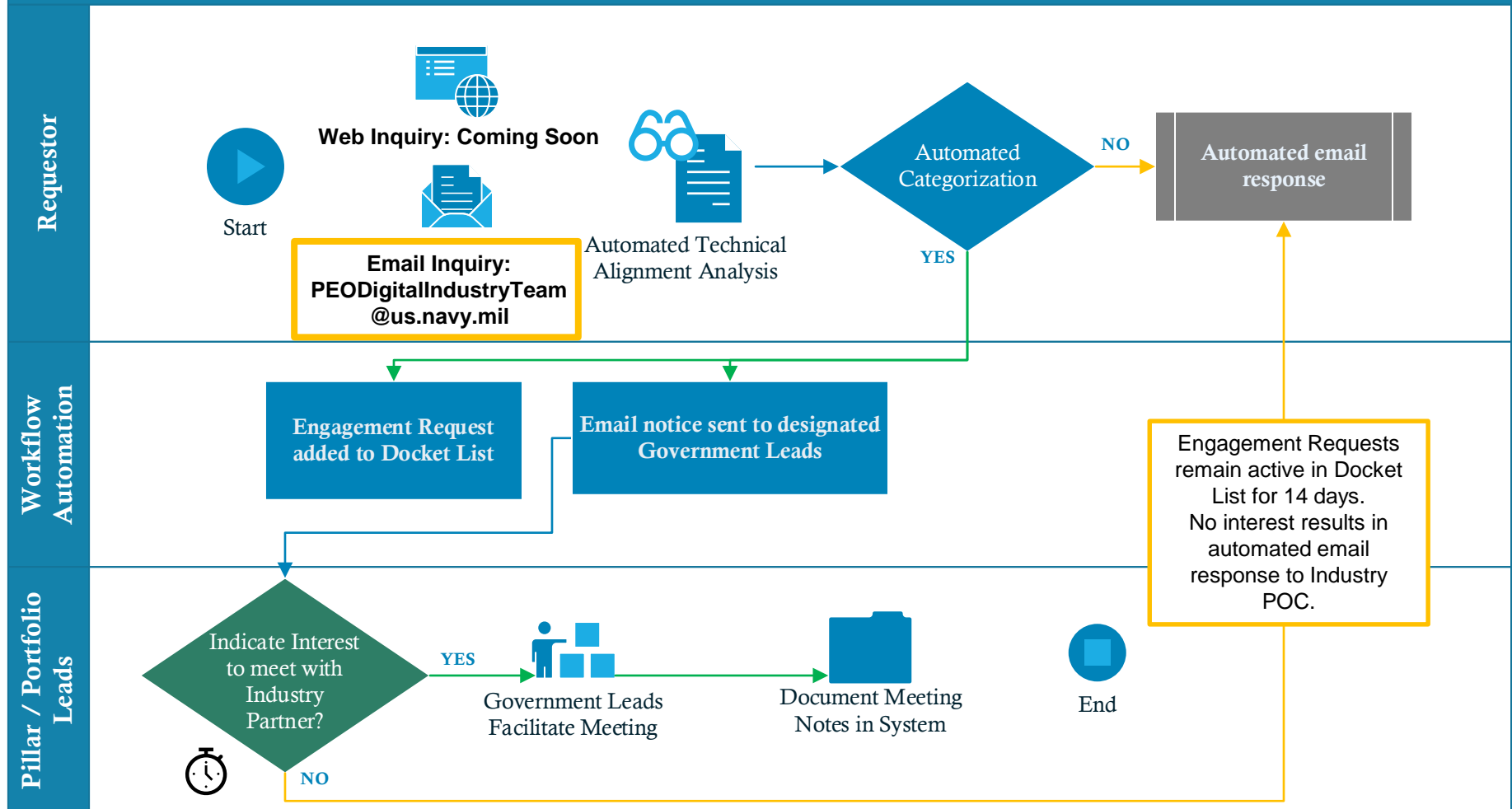
***Vendors Listed as  
EXAMPLES ONLY!***



# Industry Engagement Workflow

## PEO Digital Process

### Industry Engagement Standard Flowchart







# PEO Digital Example Investment Horizons: Cyber and Operations

	Horizon 3: Evaluating	Horizon 2: Emerging	Horizon 1: Investing & Extracting		Horizon 0: Retiring
Focus	Wide ranging and exploratory <i>Other people's money and work</i>	Next generation horizon 1 products <i>PEO Digital money and work</i>	Sell and enhance current offering <i>PEO Digital money and work</i>		Decommission <i>DON, regardless of organization</i>
ROI	3+ years	1-2 years	Investing	Current Year Extracting	Current Year
Classified Protection Services		<div> <div></div> Expand USMC CSfC grey network for naval enterprise solutions </div>	<div> <div></div> USMC Commercial Solutions for Classified (CSfC) Grey Network MVP </div> <div> <div></div> SMIT NetOps – Cross Domain Solution </div>	<div> <div></div> Layout of Type-1 Encryption and CSfC </div>	<div>Confidence in Horizon Target</div> <div> <div></div> High </div> <div> <div></div> Medium </div> <div> <div></div> Low </div>
Decision Analytics & Visualization Services	<div> <div></div> Integrated Navy Operations Command and Control System (INOCCS) </div> <div> <div></div> Advance to Security Orchestration, Automaton and Response (SOAR) </div>	<div> <div></div> Security Information &amp; Event Management (SIEM) &amp; Big Data Platform Expansion </div>	<div> <div></div> SMIT NetOps – SIEM – real-time vulnerability analysis </div>		
Cyber Threat & Vulnerability Management Services			<div> <div></div> Comply to Connect </div> <div> <div></div> Endpoint Detection and Response solutions (MECM) </div> <div> <div></div> Endpoint Security (MDE) </div>	<div> <div></div> USMC Network Access Control, Compliance and Remediation (NACCR) </div> <div> <div></div> HBSS / VSE/HIPS </div> <div> <div></div> Tanium </div>	
Cyber Perimeter & Access Security Services	<div> <div></div> Integrated Navy Operations Command and Control System (INOCCS) </div>		<div> <div></div> Next Generation Firewalls with Intrusion Protection System (IPS) capability </div> <div> <div></div> USMC Packet Brokers </div>		
Service & Resource Management Services	<div> <div></div> Evolve for cloud migration </div>	<div> <div></div> BMC Discovery integration into the CMDB </div>	<div> <div></div> Service Desk Integration </div>		

UNCLASSIFIED



# Upcoming Potential Industry Engagement Opportunities

Date	Event	Location
9 May 2022	Advanced Planning Briefing for Industry (APBI) (Day before Modern Day Marine)	Walter Reed Washington Convention Center
10-12 May 2022	Modern Day Marine (MDM)	Walter Reed Washington Convention Center
23-25 May 2022	DON IT East / AFCEA Maritime IT Summit	Norfolk, VA
6-8 Sept 2022	NDIA Navy Gold Coast <b>Small Business</b> Procurement Event	San Diego, CA
TBD	NDIA SD Fall Defense and Industry Forum	San Diego, CA
6-8 Dec 2022	CDCA Defense Summit	Charleston, SC



# FY21 Small Business Outlook (As of September 2021)

## FY21 Small Business Goals NAVWAR

Small Business	31.00%
Small Disadvantaged Business	13.25%
Small Disabled Veteran Owned Small Business	5.50%
Women Owned Small Business	7.60%
HUBZone Small Business	1.60%

NAVWAR Office of Small Business  
Programs Contact Info:  
Mr. Daniel Deconzo  
NAVWAR Supervisory Director  
[daniel.deconzo@navy.mil](mailto:daniel.deconzo@navy.mil)

## FY21 Small Business Percentages MARCORSYSCOM (as a whole)

Small Business	25.00%
Small Disadvantaged Business	12.00%
Small Disabled Veteran Owned Small Business	8.00%
Women Owned Small Business	3.50%
HUBZone Small Business	1.5%

MARCORSYSCOM Office of Small  
Business Programs Contact Info:  
Austin Johnson, Associate Director  
[austin.johnson@usmc.mil](mailto:austin.johnson@usmc.mil)  
(703) 432-3944



# Questions / Wrap - Up

## Social Media

@DONPEODigital   

### Email

[PEO\\_Digital\\_Public\\_Affairs.fct@us.navy.mil](mailto:PEO_Digital_Public_Affairs.fct@us.navy.mil)

### Website – Public

[www.navwar.navy.mil/peo-digital-home](http://www.navwar.navy.mil/peo-digital-home)

### Website – Industry

<https://public.cloud.navy.mil/industry>

## Social Media

@PEOMLB  

### Email

[PEOMLB.fct@us.navy.mil](mailto:PEOMLB.fct@us.navy.mil)

### Website – Public

<https://www.navwar.navy.mil/peo-mlb-home/>

### Website – Industry

<https://www.navwar.navy.mil/contact-peo-mlb/>